

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Near-infrared light-absorbing glass comprising, denoted as cationic percentages, 23 to 41 percent of P⁵⁺, 4 to 16 percent of Al³⁺, 11 to 40 percent of Li⁺, 3 to 13 percent of Na⁺, 12 to 53 percent of R²⁺ (where R²⁺ denotes the total of Mg²⁺, Ca²⁺, Sr²⁺, Ba²⁺, and Zn²⁺), and 2.6 to 4.7 percent of Cu²⁺, and F⁻ and O²⁻ as anionic components[[.]];

wherein the glass is fluorophosphate glass essentially comprising no arsenic and lead.

2. (Currently Amended) The near-infrared light-absorbing glass according to claim 1, wherein the glass comprises Zn²⁺ as a cationic component[[;]].

3. (Original) The near infrared light-absorbing glass according to claim 1, wherein the glass comprises, denoted as anionic percentages, 25 to 48 percent of F⁻ and 52 to 75 percent of O²⁻.

4. (Currently Amended) Near-infrared light-absorbing glass ~~essentially comprising no arsenic and lead~~, wherein,

in the spectral transmittance of wavelengths of 400 to 700 nm, a thickness of the glass, at which the glass exhibits exhibiting a property that wavelength at which a 50 percent transmittance is exhibited is 615 nm, is in a range of ranges from 0.1 to 0.8 mm,

as well as, at a thickness at which the glass exhibits said property,

a transmittance at a wavelength of 400 nm is 80 percent or more at the thickness at which the glass exhibits said property,

a transmittance at a wavelength of 800 to 1000 nm is less than 5 percent at the

thickness at which the glass exhibits said property, and

a transmittance at a wavelength of 1200 nm is less than 20 percent at the thickness at which the glass exhibits said property,[.] and
the glass is fluorophosphate glass essentially comprising no arsenic and lead.

5. (Original) The near-infrared light-absorbing glass according to claim 1, wherein the glass has a liquid phase temperature of 750°C or less.

6. (Original) The near-infrared light-absorbing glass according to claim 4, wherein the glass has a liquid phase temperature of 750°C or less.

7. (Currently Amended) Near-infrared light-absorbing glass, wherein the glass exhibits properties, based on a thickness of 0.5 mm, ~~in the spectral transmittance of wavelengths of 400 to 700 nm,~~

that a first wavelength, at which a 50 percent transmittance is exhibited, is less shorter than 630 nm,

transmittance at a second wavelength of said first wavelength to 700 nm longer than said wavelength is less than 50 percent,

transmittance at a third wavelength of 400 nm to said first wavelength shorter than said wavelength is higher than 50 percent, and

the viscosity at a liquid phase temperature is 0.5 Pa · s or more[.], and
the glass is copper-containing fluorophosphates glass essentially comprising no arsenic and lead.

8. (Original) The near-infrared light-absorbing glass according to claim 4 which is

copper-containing fluorophosphate glass.

9. (Canceled)

10. (Original) A near-infrared light-absorbing element comprised of the near-infrared light-absorbing glass according to claim 1.

11. (Original) A near-infrared light-absorbing element comprised of the near-infrared light-absorbing glass according to claim 4.

12. (Original) A near-infrared light-absorbing element comprised of the near-infrared light-absorbing glass according to claim 7.

13. (Original) A near-infrared light-absorbing filter comprising a glass plate comprised of the near-infrared light-absorbing glass according to claim 1.

14. (Original) A near-infrared light-absorbing filter comprising a glass plate comprised of the near-infrared light-absorbing glass according to claim 4.

15. (Original) A near-infrared light-absorbing filter comprising a glass plate comprised of the near-infrared light-absorbing glass according to claim 7.

16. (Original) A method of manufacturing a near-infrared light-absorbing formed glass article, wherein melted glass having a temperature of 710°C or less is formed and cooled to manufacture a formed glass article comprised of the near-infrared light-absorbing glass

according to claim 7.

17. (Original) Copper-containing glass comprised of fluorophosphate glass or phosphate glass comprising 0.1 weight percent or more of copper based on CuO, 0.005 to 0.5 weight percent of iron based on Fe₂O₃, 0.01 to 1 weight percent of antimony based on Sb₂O₃, and no arsenic.

18. (Original) The copper-containing glass according to claim 17, wherein the glass exhibits properties, in the spectral transmittance of wavelengths of 400 to 1,200 nm, based on a thickness of 0.45 nm,

that wavelength (λ_{50}), at which a 50 percent transmittance is exhibited, ranges from 605 to 625 nm,

transmittance at a wavelength of 400 nm is 80 percent or more, and transmittance at a wavelength of 1200 nm is less than 22 percent.

19. (Original) The copper-containing glass according to claim 17, wherein the glass comprises, denoted as cationic percentages,

P⁵⁺ 11 to 43 percent

Al³⁺ 4 to 16 percent

R₁⁺ 0.1 to 43 percent

(where R₁⁺ is the total of Li⁺, Na⁺, and K⁺)

R₂²⁺ 12 to 53 percent

(where R₂²⁺ is the total of Mg²⁺, Ca²⁺, Sr²⁺, Ba²⁺, and Zn²⁺)

Cu²⁺ 1.0 to 4.7 percent,

as well as comprises F⁻ and O²⁻ as anionic components.

20. (Original) The copper-containing glass according to claim 19, wherein the glass does not comprise a nitrate.

21. (Original) A near-infrared light-absorbing element comprised of the copper-containing glass according to claim 17.

22. (Original) A near-infrared light-absorbing filter comprising the near-infrared light-absorbing element according to claim 21.